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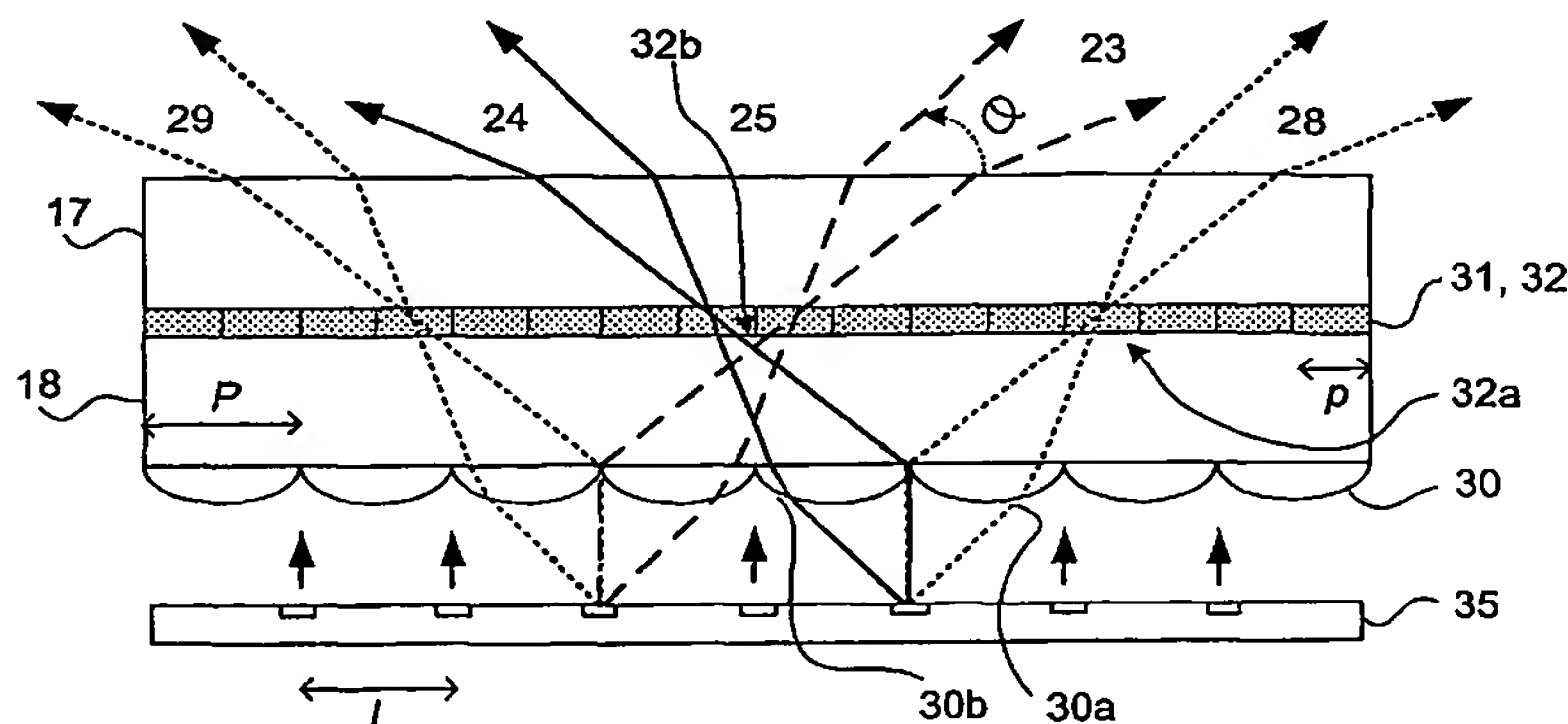
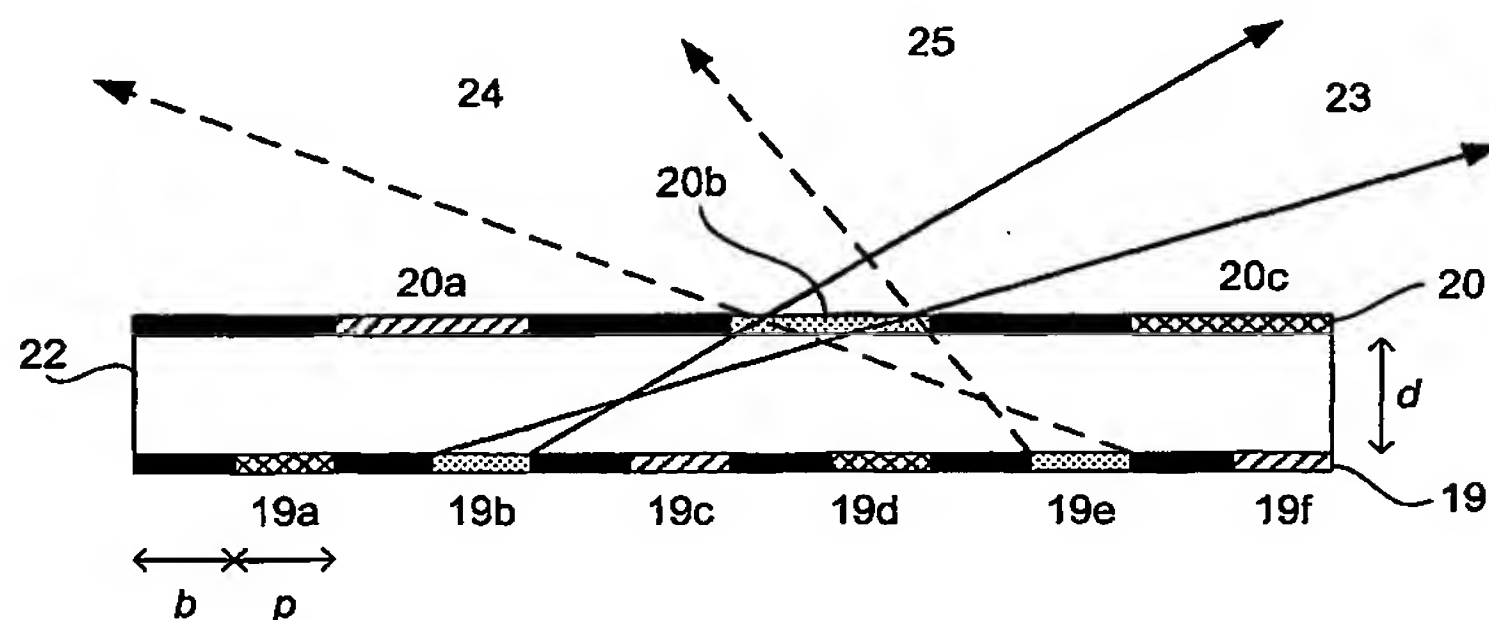
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(54) Title: MULTI-VIEW DISPLAY



(57) Abstract: A multi-view display (49) is arranged to provide large viewing zones (23, 24) while producing little or no cross-talk. The display may include a barrier (20) comprising a plurality of colour portions (20a, 20b, 20c) that co-operate with colour filters (19a-19f) in a display panel (14) to selectively direct light to the viewing zones (23, 24). A lenticular screen (30) may be arranged to create or image light lines onto imaging units (32a, 32f) of the display panel (14) that are spaced from one another, so that adjacent units (32a, 32f) are illuminated by light from different lenses (30a, 30b, 30c), directed towards different viewing zones (23, 24). A light source (35) may generate the light at positions aligned with boundaries between adjacent lenses (30a, 30b, 30c). The imaging units may be operated so that units (32a, 32b) displaying information for the first viewing zone (23) are separated from units (32d, 32e) displaying information for the second viewing zone (24) by units (32c, 32f) not used to display information. Adjacent columns of

units (32a, 32b) may be used to display information to one viewing zone (23). The viewing zones (23, 24) may be enlarged using a scatterer (36). A switchable diffuser (40) or barrier (48) may be

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